

ULTRA
CRETE

EMTEK

Ironwork Reinstatement System



The complete solution

Welcome to Emtek.

We have been providing quality products and services since 1994.

The Emtek Ultracrete Ironwork Reinstatement System is a unique approach to highway maintenance in Northern Ireland and Republic of Ireland. Independently tested and accredited, this BBA/HAPAS approved system offers a five year service life, providing unrivalled reassurance for both contractors and local authorities.

The Emtek Ultracrete System comprises of:



Envirobed
High Performance Mortar



QC10-F
Backfill Concrete



SCJ
Cold Joint Sealer



Instant Road Repair
Cold Lay Asphalt Concrete



Ultracrete system is third party verified for a 5 year service life.

EMTEK

Stage 1 - Bedding Mortar



Envirobed HA104

High Performance Mortar
20kg Bag & 2.5Ltr Bottle
48 Bags per pallet

Features:

- Exceptional Compressive, Tensile and Flexural Strength
- Non-Hazardous
- HA 104/02 Compliant
- Compressive strength = 30N/mm² in 1 hour
- Compressive strength = 50N/mm² in just 3 hours



M60

Rapid Strength Mortar
25kg Bag
56 Bags per pallet

Features:

- Rapid Strength Gain
- Open to traffic in 60 minutes
- DOT Compliant
- Compressive strength = 21N/mm² in 1 hour



M90

General Purpose Mortar
25kg Bag
56 Bags per pallet

Features:

- Fast setting
- Open to traffic in 90 minutes
- Excellent Bond Strength
- Compressive strength = 21N/mm² in 2 hours



Stage 1 - Failed Manhole



Excavation



Select a Rapid Set Bedding Mortar



Tamp level



Stage 2 - Backfill Concrete



Stage 3 - Bitumen Sealer Spray



Stage 3 - Instant Road Repair



Reinstated Manhole

Stage 2 - Backfill



QC10-F

Rapid Strength Flowable Concrete
25kg Bag
56 Bags per pallet

Features:

- Rapid Strength Gain
- Flowable
- Shrinkage Compensated
- Compressive strength = 20N/mm² in 2 hours

Stage 3 - Wearing Course



SCJ

Bitumen Sealer Spray
750ml Aerosol Can
12 Tins per box

Features:

- Prevents Water Ingress
- Simply invert and spray
- Compact, Clean & Tidy



IRR

Instant Road Repair
Cold Lay Asphalt Concrete
25kg Tub
52 Tubs per pallet

Note: Available in 6mm & 10mm grade
Colours: Black (standard) & Dark Red (6mm)

Features:

- Permanent Material
- Open to traffic instantly
- BBA/HAPAS Approved for Class 3 & 4 carriageways, footpaths and cycle tracks

Special Products



RSC

Rapid Set Cement
20kg Bag
56 Bags per pallet

Features:

- Exceptional strength gain
- Simply add aggregate to bulk out as fast set concrete or mortar
- Economical
- Compressive strength = 20N/mm² in 1 hour



QC6

Rapid Set Surfacing Concrete
25kg Tub
40 Tubs per pallet

Features:

- Rapid setting
- Ideal for small surface repairs to concrete footpaths
- Simply add water, mix and apply



Postfix

Rapid Hardening Concrete
25kg Bag
56 Bags per pallet

Features:

- Sets in 10-15 minutes
- Ideal for quickly installing signs, posts and street furniture
- Simply add water, mix and apply



PPR

Permanent Pothole Repair
Cold Lay Asphalt Concrete for the repair of potholes
25kg Tub
52 Tubs per pallet

Note: 3mm grade. Colours: Black

Features:

- Permanent Material
- Open to traffic instantly
- BBA/HAPAS Approved for Class 3 & 4 carriageways, footpaths and cycle tracks



Instagrip

Anti-Skid Patch Repair
18kg Bag
40 Tubs per pallet

Features:

- Conforms to Highway Works Clause 924
- Available in Buff, Red & Green
- Simple to use and apply



Instaline

Preformed Thermoplastic Road Marking
100mm wide x 5m long roll
5 Rolls per Box
Colours: Yellow or White

Features:

- Highway grade (BS EN 1423 & Chapter 11 compliant)
- Easy to use and apply - simply heat with burner
- Permanent and ready for immediate trafficking

www.emtek.co.uk/download



Technical Data Sheets on all our products are available from our website and can be downloaded 24/7.

Simply log on to www.emtek.co.uk/download

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Contacting us is easy



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give us a call and one of our sales team will be happy to help you with your enquiry.



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send us an email with your product requirements and our sales team will contact you.



www.emtek.co.uk

click online to view our full range of products and services or download technical specifications.

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